

ABSTRACT OF THE DISCLOSURE

5 An information security microcomputer includes an encryption circuit encrypting and decrypting information, an authentication program authenticating an ICE main body, and a CPU performing entire control of the information security microcomputer. CPU stops at least a part of a function of the information security microcomputer when the ICE main body cannot be authenticated. Therefore, an unauthorized person cannot use the information security microcomputer as an ICE microcomputer so that security can be improved.